BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work:Construction of compound wall and other development Works to Dr.B.R.Ambedkar Bhavan in Ward No.04 at Yelahanka

Agency:-M/s. H.V. Onkarappa

SCHEDULE-B

SI NO	App Qty	Description of work	Approved Rates of M/s. H.V. Onkarappa		
			Unit	Rate in Figures	Rate in Words
1	122	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortarand as per the direction of engineer in charge of work	Sqm	289.87	Rupees Two Hundred Eighty Nine And Paise Eighty Seven Only
2	36.6	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications.Rubble stone masonry in cement mortarand as per the direction of engineer in charge of work	Cum	290.0	Rupees Two Hundred Ninety Only
3	76.86	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification.and as per the direction of engineer in charge of work	Cum	336.0	Rupees Three Hundred Thirty Six Only
4	715.44	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specificationand as per the direction of engineer in charge of work	Cum	261.0	Rupees Two Hundred Sixty One Only
5	476.96	Providing laying spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by topper to site, laying in uniform layers with paver in sub - base / base course on well prepared surface and compacting with vibratory roller to achive the desired density complete as per specifications and as per the direction of engineer in charge of work	Cum	1982.0	Rupees One Thousand Nine Hundred Eighty Two Only

Contractor

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Sl NO	App Qty	Description of work	Approved Rates of M/s. H.V. Onkarappa		
			Unit	Rate in Figures	Rate in Words
6	364.58	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the direction of engineer in charge of work	Cum	5994.0	Rupees Five Thousand Nine Hundred Ninety Four Only
7	27.45	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at two m.apart in each course including cost of materials, labour, curing completeas per specifications and as per the direction of engineer in charge of work	Cum	4974.0	Rupees Four Thousand Nine Hundred Seventy Four Only
8	13.66	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6,edges of stone chistei dressed in courses not less than 15 cms high, bond stones at two m.apart in each course including cost of materials, labour, curing completeas per specificationsand as per the direction of engineer in charge of work	Cum	5945.0	Rupees Five Thousand Nine Hundred Forty Five Only
9	2.75	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the direction of engineer in charge of work	Cum	6583.0	Rupees Six Thousand Five Hundred Eighty Three Only
10	12.2	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. and as per the direction of engineer in charge of work	Sqm	348.0	Rupees Three Hundred Forty Eight Only
11	100.65	Providing and fixing for flooring 20mm thick gang saw water cut sadarahalli grey granite in CM 1:4 proprtion, cut to required shape pattern with paper joints,finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealent,grooves in joints including cost of all materials, labour complete as per specificaiton.(Minium width of 1200mm) and as per the direction of engineer in charge of work	Sqm	2360.0	Rupees Two Thousand Three Hundred Sixty Only

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			Unit	Rate in Figures	Rate in Words
12	32.32	Fabrication providing and erecting in position Hot dip galvanised Gate Using 72x72x48mm Sq GI Pipe frame with top pipe bending in heavy duty hydralic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised Sq. road for verticles at 150mm c/c as shown in the drawing including providing hot dip galvanised forged ornamental design in between Sq.rods and heads at top, middle and bottom, intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanised flats. The Work is inclusive of throughing GI, flat Sq, rods, placing, welding all the joins including grinding, finishing metal patty, painting two coats enamel painiting. the rate is inclusive of all materials like GI Sq Pipe, GI forged designs etc., heavy duty hingers are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in- Charge opf the Work (DATA RATE copy is enclosed) and as per the direction of engineer in charge of work	Sqm	13722.0	Rupees Thirteen Thousand Seven Hundred Twenty Two Only
13	101.2	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the direction of the Engineer-in-charge of the work. (Data Rate) and as per the direction of engineer in charge of work	Sqm	10058.0	Rupees Ten Thousand Fifty Eight Only
14	465.96	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mmand down size graded granite metal coarse aggregates @0.47 cum with superplastisiser @3lts confirming toIS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thick ness) including attached plasters,columns,pillars,posts,struts.butters,string or lacing courses,parapets,coping,bed blocks,anchor blocks,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and as per the direction of engineer in charge of work	Cum	7564.0	Rupees Seven Thousand Five Hundred Sixty Four Only

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15	504	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per the direction of engineer in charge of work	Kg	93.0	Rupees Ninety Three Only
16	24	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.7Smm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.2Smm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.2Smm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing S.Smm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenon ned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar. -do- using aluminium section powdered	Sqm	4967.0	Rupees Four Thousand Nine Hundred Sixty Seven Only
17	55.2	Providing and fixing M.S grill over existing compound wall as per using 16mm x16mm M.N.flat at horizontal and 6mm x 12mm M.S.flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. all the steel surface should be thoroughly cleaned of rust and painted with anti corrosive paint(shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and as per the direction of engineer in charge of work	Sqm	6206.0	Rupees Six Thousand Two Hundred Six Only
18	19.28	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the direction of engineer in charge of work	Tonne	47740.0	Rupees Forty Seven Thousand Seven Hundred Forty Only
19	394	Providing and fixing Pre cast solid concrete kerb stones made out of CC1:2:4 and finished with CM 1:3 plastering and finishing curing etc., complete size 450x200x400mm and as per the direction of engineer in charge of work	No	432.0	Rupees Four Hundred Thirty Two Only

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20	70.8	Painting two coats after filling the surface with synthetic enamel paint in approved shades on plastered concrete surfaces, with materials, labour complete as per specification and as per the direction of engineer in charge of work	Sqm	71.0	Rupees Seventy One Only
21	1688.51	Providing applying two coats of wall putty to inside plasterd walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of materials, labour and scaffolding etc., complete as per specifications and as per the direction of engineer in charge of work	Sqm	67.0	Rupees Sixty Seven Only
22	1872	Providing and applying painting in two coats with plastic emulsion paint of approved brand on ceiling surface to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour etc., complete as per specifications and as per the direction of engineer in charge of work	Sqm	111.0	Rupees One Hundred Eleven Only
23	752.51	Providing and applying painting in two coats with plastic emulsion paint of approved brand on walls surface to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour etc., complete as per specificationsand as per the direction of engineer in charge of work	Sqm	107.0	Rupees One Hundred Seven Only
24	79.2	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil,grease,dirt and other foreign matter, including cost of materials, labour, complete as per specification and as per the direction of engineer in charge of work	Sqm	97.0	Rupees Ninety Seven Only
25	879.6	Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. as per the Directions of the Engineer-in-charge of the work and as per the direction of engineer in charge of work	Sqm	1321.0	Rupees One Thousand Three Hundred Twenty One Only
26	473	Providing and fixing cement base precast, pre-polished cement concrete designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, gridding the edge to half/full round wherever required, labour curing complete as per specification and as per the direction of engineer in charge of work	Sqm	1289.0	Rupees One Thousand Two Hundred Eighty Nine Only
27	2384.82	Vaccum de - watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator , HOM of machinery, screed vibratory, Power Floater , blade and disc etc., with all lead and lift and as per the direction of engineer in charge of work	Sqm	107.0	Rupees One Hundred Seven Only

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28	2500	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator & HOM of machinery , including cost of blade, coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidential charges as per drawing and as per specification. (for concrete pavement) and as per the direction of engineer in charge of work	m	89.0	Rupees Eighty Nine Only
29	2	Air handling units of GSS powder coated sheet metal cabinet type Double skin Recirculatory type 40-45 mm thick,Thermal break,modular construction.Air handling units shall be complete with Blower, TEFC motor,fan motor drive with Pre filters, DX coil 6 row section of copper coil with aluminium fins,Mist eleminator with access doors and accessories including, View glass, View lamp, limit switch for door (CSU - 01, 7000 CFM, 50 mm Static) (Approved Rates) and as per the direction of engineer in charge of work	No	711390.0	Rupees Seven Lakh(s) Eleven Thousand Three Hundred Ninety Only
30	1	Air handling units of GSS powder coated sheet metal cabinet type Double skin Recirculatory type 40-45 mm thick,Thermal break,modular construction.Air handling units shall be complete with Blower, TEFC motor,fan motor drive with Pre filters, DX coil 6 row section of copper coil with aluminium fins,Mist eleminator with access doors and accessories including, View glass, View lamp, limit switch for door (CSU - 02, 4200 CFM, 30 mm Static) (Approved Rates) and as per the direction of engineer in charge of work	No	520929.0	Rupees Five Lakh(s) Twenty Thousand Nine Hundred Twenty Nine Only
31	1	Air handling units of GSS powder coated sheet metal cabinet type Double skin Recirculatory type 40-45 mm thick,Thermal break,modular construction.Air handling units shall be complete with Blower, TEFC motor,fan motor drive with Pre filters, DX coil 6 row section of copper coil with aluminium fins,Mist eleminator with access doors and accessories including, View glass, View lamp, limit switch for door (CSU - 03, 3500 CFM, 30 mm Static) and as per the direction of engineer in charge of work	No	439300.0	Rupees Four Lakh(s) Thirty Nine Thousand Three Hundred Only
32	6	Air cooled out door condensing units comprising of semi -hermetic / hermetic reciprocating/scrool compressors with matching air cooled condenser provided with necessary controls. (8.5 TR for CSU's) (Approved Rates) and as per the direction of engineer in charge of work	No	320320.0	Rupees Three Lakh(s) Twenty Thousand Three Hundred Twenty Only
33	4	Air cooled out door condensing units comprising of semi -hermetic / hermetic reciprocating/scrool compressors with matching air cooled condenser provided with necessary controls. (8.5 TR for CSU's) (Approved Rates) and as per the direction of engineer in charge of work	No	218680.0	Rupees Two Lakh(s) Eighteen Thousand Six Hundred Eighty Only
34	2	Supply of 1 TR Hi Wall Split Unit for Green Rooms (Approved Rates) and as per the direction of engineer in charge of work	No	84700.0	Rupees Eighty Four Thousand Seven Hundred Only
35	120	Copper refrigerant piping with insulation with supports (Suction Line) (Approved Rates) and as per the direction of engineer in charge of work	m	2002.0	Rupees Two Thousand Two Only

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36	120	Copper refrigerant piping with insulation with supports (Liquid Line) (Approved Rates) and as per the direction of engineer in charge of work	m	1848.0	Rupees One Thousand Eight Hundred Forty Eight Only
37	50	PVC Drain Piping for CSU's (Approved Rates) and as per the direction of engineer in charge of work	m	785.0	Rupees Seven Hundred Eighty Five Only
38	10	Expansion Valve & Drier Kit for CSU's (Approved Rates) and as per the direction of engineer in charge of work	No	27720.0	Rupees Twenty Seven Thousand Seven Hundred Twenty Only
39	2	Ready made Frame for Outdoor (Approved Rates) and as per the direction of engineer in charge of work	No	2618.0	Rupees Two Thousand Six Hundred Eighteen Only
40	30	Additional of Refrigerant R22 Freon Gas (Approved Rates) and as per the direction of engineer in charge of work	Kg	2156.0	Rupees Two Thousand One Hundred Fifty Six Only
41	10	Supply of Linear Bar grille made out of Aluminium Powder Coated (Approved Rates)and as per the direction of engineer in charge of work	Sqm	19250.0	Rupees Nineteen Thousand Two Hundred Fifty Only
42	2.5	Collar damper made out of GI. with powder coated (Approved Rates) and as per the direction of engineer in charge of work	Sqm	11088.0	Rupees Eleven Thousand Eighty Eight Only
43	4	GI. Volume control dampers manual operated (Approved Rates) and as per the direction of engineer in charge of work	Sqm	20020.0	Rupees Twenty Thousand Twenty Only
44	2	Fire Dampers with Fusible Links rated for 72 C (Approved Rates) and as per the direction of engineer in charge of work	Sqm	27720.0	Rupees Twenty Seven Thousand Seven Hundred Twenty Only
45	4	Fire retardant flexible connections CSU (Approved Rates) and as per the direction of engineer in charge of work	No	27720.0	Rupees Twenty Seven Thousand Seven Hundred Twenty Only
46	2	Ele.controll panel inter lock with CSUs and condenser unit (For CSU - 01, 7000 CFM, 50 mm Static) (Approved Rates) and as per the direction of engineer in charge of work	set	126280.0	Rupees One Lakh(s) Twenty Six Thousand Two Hundred Eighty Only
47	1	Ele.controll panel inter lock with CSUs and condenser unit (For CSU - 02, 4200 CFM, 30 mm Static) (Approved Rates) and as per the direction of engineer in charge of work and as per the direction of engineer in charge of work	set	113960.0	Rupees One Lakh(s) Thirteen Thousand Nine Hundred Sixty Only

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48	1	Ele.controll panel inter lock with CSUs and condenser unit (For CSU - 03, 3500 CFM, 30 mm Static) (Approved Rates) and as per the direction of engineer in charge of work	set	113960.0	Rupees One Lakh(s) Thirteen Thousand Nine Hundred Sixty Only
49	2	Electrical cabling between condenser & CSUs For CSU - 01, 7000 CFM, (Panel to CSU & Panel to Outdoor)) (Approved Rates) and as per the direction of engineer in charge of work	set	98560.0	Rupees Ninety Eight Thousand Five Hundred Sixty Only
50	1	Electrical cabling between condenser & CSUs (For CSU - 02, 4200 CFM, 30 mm Static, (Panel to CSU & Panel to Outdoor) (Approved Rates) and as per the direction of engineer in charge of work	set	86240.0	Rupees Eighty Six Thousand Two Hundred Forty Only
51	1	Electrical cabling between condenser & CSUs For CSU - 03, 3500 CFM, 30 mm Static, (Panel to CSU & Panel to Outdoor) (Approved Rates) and as per the direction of engineer in charge of work	set	89320.0	Rupees Eighty Nine Thousand Three Hundred Twenty Only
52	1000	Ms supports for condenser unit with 2 coats of paints (Approved Rates) and as per the direction of engineer in charge of work	Kg	339.0	Rupees Three Hundred Thirty Nine Only
53	9	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Conical pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top....mm with 3mm thick, suitable base plate and 4Nos of ..... long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc.,(excluding foundation) as per drawing appended.7 meters - Top 75mm and bottom 145 mm dia	No	15444.0	Rupees Fifteen Thousand Four Hundred Forty Four Only
54	9	Supplying, and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaries and mounted on Octagonal pole using necessary bolts, nuts etc., complete.Single Arm Bracket with 1000mm Standard 40/50MM dia	No	2111.0	Rupees Two Thousand One Hundred Eleven Only
55	350	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm	m	154.0	Rupees One Hundred Fifty Four Only

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56	12	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools LED Light fixture with .....W System Power consumption. LED	No	20592.0	Rupees Twenty Thousand Five Hundred Ninety Two Only
57	7	LED Post Top Lantern GARDEN.Supply of LED Post Top Lantern with system ... wattage, housing & frame shall be of powder coated, die cast aluminum, diffuser with high density polyethylene IP65 EPDM Gasket. Life 50000 Hrs. @ L70 shall be conforming to IS 10322/Part 5/ Section 5 @ 230V. 5 years Warranty against any manufacturing defect working under standard electrical condition LED Post Top Lantern with 24 watts	No	17529.0	Rupees Seventeen Thousand Five Hundred Twenty Nine Only
58	1	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.100-125Amps	No	10906.0	Rupees Ten Thousand Nine Hundred Six Only
59	2	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.40-63Amps TPN	No	2129.0	Rupees Two Thousand One Hundred Twenty Nine Only
60	7	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm	m	289.0	Rupees Two Hundred Eighty Nine Only
61	35000	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.16SWG	Sqcm	0.38	Rupees And Paise Thirty Eight Only
62	1	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	No	5044.0	Rupees Five Thousand Forty Four Only

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63	9	Providing Rcc Pole pedstal of Size 0.5x0.5x1.6 Mtrs Including digging of pit, tor steel, anchoring bolts nuts ,templates ,Centring,1;4;8base concrete,1;2;4pedestal concrete and etc coplete as per the data sheet enclosed	No	4619.0	Rupees Four Thousand Six Hundred Nineteen Only
64	3	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm	m	379.0	Rupees Three Hundred Seventy Nine Only
65	3	Supplying and Fixing of.....mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires.Using 32mm dia G.I.pipe	No	982.0	Rupees Nine Hundred Eighty Two Only
66	16	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	No	193.0	Rupees One Hundred Ninety Three Only
67	100	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.1.5 sqmm	m	20.0	Rupees Twenty Only
68	350	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.6 sqmm to 16 sqmm	m	11.88	Rupees Eleven And Paise Eighty Eight Only
69	200	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary)	m	85.8	Rupees Eighty Five And Paise Eighty Only
70	914.3	Conveying the excavated debries and over burden earth etc to a lead 20 kms distances by using private vehicles this including the cost of loading and inloading charges etc	Cum	124.74	Rupees One Hundred Twenty Four And Paise Seventy Four Only

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Contractor

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